AMERICAN CHEMICAL JOURNAL

EDITED BY

IRA REMSEN

PRESIDENT OF THE JOHNS HOPKINS UNIVERSITY

VOL. XXXII.—JULY–DECEMBER, 1904.

BALTIMORE: THE EDITOR.

THE CHEMICAL PUBLISHING CO., PRINTERS,
EASTON, PA.

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$C_3H_6O_3$. Lactic acid. *Van Slyke* and *Hart* 150
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$C_4H_4O_3N_2$. Barbituric acid. *Wheeler* and *Jamieson* 350
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$C_4H_3O_3NSBr_2$. β-Sulphamido-α,α-dibromfurfurane. *Hill* and *Sylvester* 227

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2 V.

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$C_5H_8O_2$. Acetyl acetone. *Wheeler* and *Jamieson* 356
C_5H_9Cl. Chlorisoamylene. *Willcox* 475

3 V.

$C_5H_5O_3Cl$. δ-Monochlorpyromucic acid. *Hill* and *Sylvester* 204
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$C_5H_4O_4N_2$. Nitromaleicamide. *Hill* and *Black* 235
Also some salts.
$C_5H_4O_4S$. Sulphoacetacrylic acid. *Hill* and *Sylvester* 202
$C_5H_7ON_3$. 2-Amino-5-methyl-6-oxypyrimidine. *Johnson* and *Clapp* 130
$C_5H_7O_6N$. Acetnitrolactic acid. *Hill* and *Black* 239
$C_5H_9O_2N_3$. *Cis*-α-Methyl-β-guanidineacrylic acid. *Johnson* and *Clapp* 140
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4 V.

$C_5H_4O_4NK$. Potassium methylnitromaleate. *Hill* and *Black* 233
$C_5H_4O_8SCl$. β-Sulpho-δ-chlorpyromucic acid *Hill* and *Sylvester* 204
$C_5H_4N_2SCl_2$. 2-Methylmercapto-4,6-dichlorpyrimidine. *Wheeler* and *Jamieson* 346
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$C_5H_6O_3N_2S$. 2-Methylmercaptobarbituric acid. *Wheeler* and *Jamieson* 345
$C_5H_6O_2N_2S$. 2-Thio-5-methylbarbituric acid. *Wheeler* and *Jamieson* 352
$C_5H_6N_3SCl$. 2-Methylmercapto-4-chlor-6-aminopyrimidine. *Wheeler* and *Jamieson* 347
$C_5H_7O_2N_2S$. 2-Methylmercaptouramil. *Wheeler* and *Jamieson* 351

5 V.

$C_5H_4O_4NSCl$. β-Sulphamido-δchlorpyromucic acid. *Hill* and *Sylvester* 209
Also some salts.
$C_5H_4O_5NSBr$. β-Sulphamido-δ-brompyromucic acid. *Hill* and *Sylvester* 222
Also some salts.
$C_5H_5O_4N_2SCl$. β-Sulphamido-δ-chlorpyromucamide. *Hill* and *Sylvester* 206
$C_5H_5O_4N_2SBr$. β-Sulphamido-δ-brompyromucamide. *Hill* and *Sylvester* 219
$C_5H_6O_3NSBr$. β-Sulphamido-δ-methylbromfurfurane. *Hill* and *Sylvester* 199

C_6-GROUP.

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$C_6H_6O_2$. Methylfurfurol. *Hill* and *Sylvester* 187
$C_6H_4O_3$. δ-Methylpyromucic acid. *Hill* and *Sylvester* 187
$C_6H_8O_7$. Citric acid, hydrates of. *Jones* and *Getman* 336
$(C_6H_{10}O_5)x$. Inulin. *Dean* 69
$C_6H_{10}O_6$. Mannite, hydrates of. *Jones* and *Getman* 325
$C_6H_{12}O_6$. Fructose, hydrates of. *Jones* and *Getman* 323
$C_6H_{12}O_6$. Glucose, hydrates of. *Jones* and *Getman* 321
$C_6H_{12}O_6$. Glucose. *Kastle* and *McCaw* 376
$C_6H_{15}N$. Triethylamine. *Willcox* 461, 466

3 VI.

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$C_6H_3O_9N_3$. Trinitrophloroglucine. *Jackson* and *Smith* 173
$C_6H_4OCl_2$. 2,4-Dichlorphenol. *Upson* 29
$C_6H_4NCl_3$. Trichloraniline. *Jackson* and *Smith* 171
$C_6H_4NI_3$. Triiodaniline. *Jackson* and *Langmaid* 300
C_6H_5OCl. *o*-Chlorphenol. *Upson* 26
C_6H_5OBr. *p*-Bromphenol. *Upson* 27
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$C_6H_6O_2N_2$. *m*-Nitraniline. *Johnson* and *Menge* 364
$C_6H_6O_3Br_2$. Mucobromic ester. *Hill* and *Black* 228
$C_6H_6O_4S$. Sulphomethylpyromucic acid. *Hill* and *Sylvester* 188
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$C_6H_8N_4S$. 2-Methylmercapto-4,6-diaminopyrimidine. *Wheeler* and *Jamieson* 339
$C_6H_9O_2N_3$. 5-Dimethylaminouracil. *Wheeler* and *Jamieson* 355
$C_6H_9O_2N_3$. 4-Methyl-5-methylaminouracil. *Wheeler* and *Jamieson* 355
$C_6H_9O_3Cl$. α-Chloracetoacetic ester. *Willcox* 449, 473
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4 VI.

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$C_6H_4O_3NBr$. 4-Brom-2-nitrophenol. *Upson*..... 27
$C_6H_5O_4SK$. Potassium phenylsulphate. *Willcox*..... 459
C_6H_6ONCl. 4-Chlor-2-aminophenol. *Upson* 25
$C_6H_4O_4NK$. Potassium ethylnitromaleate. *Hill* and *Black* 232
$C_6H_4N_2SCl_2$. 2-Methylmercapto-4,6-dichlor-5-methylpyrimidine. *Wheeler* and *Jamieson* 353
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$C_6H_8O_3N_2S$. 2-Thio-5-ethylbarbituric acid. *Wheeler* and *Jamieson* 352
$C_6H_8O_4N_2S$. β-Sulphamido-β-methylpyromucamide. *Hill* and *Sylvester*..... 190
$C_6H_{13}O_3NS$. Diethylsulphamic acid, ethyl ester, or diethylaminosulphone ethyl ester. *Willcox*..... 462, 464, 466

5 VI.

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C_7-GROUP.

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C_7H_9N. *p*-Toluidine. *Johnson* and *Menge*..... 367
$C_7H_{12}O_4$. Ethyl malonate, for preparation of thiobarbituric acid. *Wheeler* and *Jamieson* 345

3 VII.

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$C_7H_5O_3N$. *m*-Nitrosobenzoic acid. *Alway*..... 390
$C_7H_5O_3N$. *p*-Nitrosobenzoic acid. *Alway*..... 389
$C_7H_5O_4N$. *m*-Nitrobenzoic acid. *Alway* 390
$C_7H_5O_4N$. *p*-Nitrobenzoic acid. *Alway* 389
$C_7H_6OBr_2$. 2,6-Dibrom-4-cresol. *Upson* 34
$C_7H_6OBr_2$. 4,6-Dibrom-2-cresol. *Upson* 33
$C_7H_7O_2N$. Nitrotoluene. *Alway* and *Bonner* 393
$C_7H_7O_3N$. *o*-Nitro-*o*-cresol. *Upson* 21
$C_7H_7O_3N$. 2-Nitro-*m*-cresol. *Upson* 19
$C_7H_7O_3N$. *o*-Nitro-*p*-cresol. *Upson* 15
C_7H_9ON. *p*-Anisidine. *Johnson* and *Menge*..... 367
$C_7H_{10}N_2S$. 2-Methylmercapto-4,6-dimethylpyrimidine. *Wheeler* and *Jamieson* 356
$C_7H_{11}O_4Na$. Sodic malonic ester. *Jackson* and *Langmaid*..... 304

4 VII.

$C_7H_5O_6N_3Cl_2$. Dichlortrinitrotoluene. *Jackson* and *Smith* 178
$C_7H_4O_3NI_2$. Triiodnitroanisol. *Jackson* and *Langmaid* 302

$C_7H_6O_3NBr$. 4-Brom-6-nitro-2-cresol. *Upson* 33
$C_7H_{10}O_8N_2S$. 2-Methylmercapto-4,6-dioxy-5-ethylpyrimidine. *Wheeler* and *Jamieson* 353
$C_7H_{10}N_3SCl$. 2-Methylmercapto-4-chlor-5-methyl-6-methylaminopyrimidine. *Wheeler* and *Jamieson* 354

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$C_8H_{10}O$. Phenetol. *Willcox* 476
$C_8H_{10}O_8$. Succinic peroxide acid. *Clover* and *Houghton* 55
$C_8H_{11}N$. Dimethylaniline. *Willcox* 450, 452
$C_8H_{11}N$. Ethylaniline. *Willcox* 469
$C_8H_{14}O_4$. Ethylmethylmalonate. *Wheeler* and *Jamieson* 352
$C_8H_{14}O_4$. Suberic acid. *Clover* and *Houghton* 66

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$C_7H_7O_2N$. Carbonyl-*o*-amino-*p*-cresol. *Upson* 17
$C_8H_7O_2N$. Methyl-*p*-nitrosobenzoate. *Alway* and *Gortner* 402
$C_8H_7O_5N$. *o*- and *p*-Nitrophenyl methyl carbonate. *Upson* 14
$C_8H_8O_3N_2$. Glyoxylic acid. *Hill* and *Black* 235
$C_8H_9O_3N$. *o*- and *p*-Aminophenyl methyl carbonate. *Upson* 14
$C_8H_{12}O_8N_2$. *p*-Toluene-*m*-azobenzoic acid. *Alway* 391
$C_8H_{12}NCl$. Dimethylphenylammonium chloride. *Willcox* 451
$C_8H_{14}O_2N$. Nitrosoisocampholactone. *Noyes* and *Taveau* 288
$C_8H_{20}NCl$. Tetraethylammonium chloride. *Willcox* 461

4 VIII.

$C_8H_4O_{14}N_2Ba_3$. Barium nitromalate. *Hill* and *Black* 237
C_8H_5ONS. Benzoyl rhodanide. *Johnson* and *Menge* 368
$C_8H_5ONCl_2$. Benzoylisocyanchloride. *Johnson* and *Menge* 371
C_8H_6ONCl. Ethenyl-4-chlor-2-aminophenol. *Upson* 42
$C_8H_5O_8N_3Cl$. 5-Chlor-2,4,6-trinitroxylol. *Jackson* and *Smith* 181
$C_8H_7O_3NCl_2$. 4,6-Dichlor-2-nitrophenol ethyl ether. *Upson* 29
$C_8H_9O_2NCl$. Acetyl-2-amino-4-chlorphenol. *Upson* 40
$C_8H_9O_2NCl$. 2-Amino-4-chlorphenyl acetate. *Upson* 36, 40
$C_8H_{11}O_4NS$. Dimethylaniline-*p*-sulphonic acid. *Willcox* 453, 458
$C_8H_{11}O_8NS$. Dimethylaniline sulphur trioxide. *Willcox* 450, 452, 456
$C_8H_{13}O_4NS$. Dimethylphenylammonium sulphate. *Willcox* 457

5 VIII.

$C_9H_{11}ON_2SCl$. 2-Methylmercapto-4-chlor-5-methyl-6-ethoxypyrimidine. *Wheeler* and *Jamieson* 354
$C_8H_{20}O_6N_2S_2Ba$. Barium diethylsulphamate. *Willcox* 462

C_9-GROUP.

$C_9H_6N_2$. Phenylmalonic nitrile. *Hessler* 119
C_9H_8O. Cinnamic aldehyde. *Garner* 604
$C_9H_8O_2$. Cinnamic acid. *Garner* 603
$C_9H_{12}O_8$. Succinic glutaric peroxide acid. *Clover* and *Houghton* 64
$C_9H_{12}N_2$. Acetonephenylhydrazone. *Johnson* and *Menge* 369

$C_9H_{13}N$. Pseudo-cumidine. *Johnson* and *Menge* 365
$C_9H_{14}O_2$. Isocampholactone. *Noyes* and *Taveau* 290
Also the silver salt.
$C_9H_{16}O_4$. Ethyl ethylmalonate. *Wheeler* and *Jamieson* 352

3 IX.

$C_9H_8N_2Ag$. Silver salt of phenylmalonic nitrile. *Hessler* 125
$C_9H_8N_2Na$. Sodium salt of phenylmalonic nitrile. *Hessler* 124
$C_9H_7O_2N$. Phenylcyanacetic acid. *Hessler* 127
$C_9H_7O_3N$. *m*-Nitrosocinnamic acid. *Alway* and *Bonner* 396
$C_9H_7O_3N$. *p*-Nitrosocinnamic acid. *Alway* and *Bonner* 393
$C_9H_7O_4N$. *m*-Nitrocinnamic acid. *Alway* and *Bonner* 396
$C_9H_7O_4N$. *p*-Nitrocinnamic acid. *Alway* and *Bonner* 392
$C_9H_8ON_2$. Phenylcyanacetamide. *Hessler* 122
$C_9H_9O_2N$. Ethyl *m*-nitrosobenzoate. *Alway* and *Gortner* 401
$C_9H_9O_2N$. Ethyl *p*-nitrosobenzoate. *Alway* and *Gortner* 402
$C_9H_9O_3N$. Ethyl *p*-nitrosobenzoate. *Alway* and *Pinckney* 399
$C_9H_9O_4N$. Ethyl *m*-nitrobenzoate. *Alway* and *Gortner* 401
$C_9H_{13}ON$. Aminolauronic anhydride. *Noyes* and *Taveau* 287

4 IX.

$C_9H_7O_5NCl_2$. 4,6-Dichlor-2-nitrophenyl ethyl carbonate. *Upson* 30
$C_9H_8O_5NCl$. 4-Chlor-2-nitrophenyl ethyl carbonate. *Upson* 23
$C_9H_8O_5NCl$. 6-Chlor-2-nitrophenyl ethyl carbonate. *Upson* 26
$C_9H_8O_5NBr$. 4-Brom-2-nitrophenyl ethyl carbonate. *Upson* 28
$C_9H_9O_2NS$. Methylbenzoylthiocarbamate. *Johnson* and *Menge* 364
$C_9H_9O_3NCl_2$. 4,6-Dichlor-2-aminophenyl ethyl carbonate. *Upson* 30
$C_9H_9O_3NCl_2$. 3,5-Dichlor-6-oxyphenylurethane. *Upson* 31
$C_9H_{10}O_3NCl$. 4-Chlor-2-aminophenyl ethyl carbonate. *Upson* 23
$C_9H_{10}O_3NCl$. 6-Chlor-2-aminophenyl ethyl carbonate. *Upson* 27
$C_9H_{10}O_3NCl$. 3-Chlor-6-oxyphenylurethane. *Upson* 24
$C_9H_{10}O_3NCl$. 5-Chlor-6-oxyphenylurethane. *Upson* 27
$C_9H_{10}O_3NBr$. 4-Brom-2-aminophenyl ethyl carbonate. *Upson* 28
$C_9H_{10}O_3NBr$. 3-Brom-6-oxyphenylurethane. *Upson* 28
$C_9H_{10}O_5NI$. *Jackson* and *Langmaid* 302
$C_9H_{16}O_2NCl$. Aminolauronic acid hydrochloride. *Noyes* and *Taveau* 287

4 IX.

$C_9H_7O_5NClBr$. 4-Chlor-6-brom-2-nitrophenyl ethyl carbonate. *Upson* 31
$C_9H_9O_3NClBr$. 2-Amino-4-chlor-6-bromphenyl ethyl carbonate. *Upson* 32
$C_9H_{10}O_3NClBr$. 3-Chlor-5-brom-6-oxyphenylurethane. *Upson* 33

C_{10}-GROUP.

$C_{10}H_{14}O_6$. Glutaric peroxide acid. *Clover* and *Houghton* 65

3 X.

$C_{10}H_9O_3N$. Methyl *p*-nitrosocinnamate. *Alway* and *Bonner* 395
$C_{10}H_9O_3N$. Methyl *p*-nitrosocinnamate. *Alway* and *Gortner* 402
$C_{10}H_9O_2N_3$. Phenylacetylurazole. *Acree* 607
$C_{10}H_9O_4N$. Methyl *p*-nitrocinnamate. *Alway* and *Bonner* 395
$C_{10}H_{10}O_2N_2$. α'-Phenyl-β-ethoxyfuro-α,β'-diazole. *Johnson* and *Menge* 370
$C_{10}H_{10}O_2N_2$. α'-Ethoxy-β-phenylfuro-α,β'-diazole. *Johnson* and *Menge* 371
$C_{10}H_{11}O_2N_3$. 1-Phenyl-3-ethoxyurazole. *Acree* 610

$C_{10}H_{11}O_5N$. 2-Nitro-4-methylphenyl ethyl carbonate. *Upson*..... 15
$C_{10}H_{11}O_5N$. 2-Nitro-5-methylphenyl ethyl carbonate. *Upson*..... 20
$C_{10}H_{11}O_5N$. 2-Nitro-6-methylphenyl ethyl carbonate. *Upson*..... 21
$C_{10}H_{12}O_8N_2$. Dinitroresorcin diethylether. *Jackson* and *Langmaid*..... 303
$C_{10}H_{13}O_3N$. 2-Amino-4-methylphenyl ethyl carbonate. *Upson*..... 18
$C_{10}H_{13}O_3N$. 2-Amino-5-methylphenyl ethyl carbonate. *Upson*..... 20
$C_{10}H_{13}O_3N$. 2-Amino-6-methylphenyl ethyl carbonate. *Upson*..... 21
$C_{10}H_{13}O_3N$. 2-Methyl-5-oxyphenylurethane. *Upson*..... 22
$C_{10}H_{13}O_3N$. 3-Methyl-6-oxyphenylurethane. *Upson*..... 16, 19
$C_{10}H_{13}O_3N$. 4-Methyl-6-oxyphenylurethane. *Upson*..... 20
$C_{10}H_{16}NCl$. Dimethylethylphenyl ammonium chloride. *Willcox* 454
$C_{10}H_{17}O_3N$. Camphoramidic acid. *Noyes* and *Taveau*..... 287

4 X.

$C_{10}H_7O_8N_2Cl_3$. Dichlortrinitrophenylacetic ester. *Jackson* and *Smith*..... 175
$C_{10}H_{10}O_3NBr$. 4-Brom-2-nitro-6-methylphenyl ethyl carbonate. *Upson*..... 33
$C_{10}H_{10}O_3NBr$. 2-Nitro-4-methyl-6-bromphenyl ethyl carbonate. *Upson* 35
$C_{10}H_{11}O_2NS$. Benzoylimidodimethylthiocarbonate. *Johnson* and *Menge*..... 364
$C_{10}H_{12}O_3NBr$. 2-Amino-4-brom-6-methylphenyl ethyl carbonate. *Upson* 34
$C_{10}H_{12}O_3NBr$. 2-Amino-4-methyl-6-bromphenyl ethyl carbonate. *Upson* 35
$C_{10}H_{12}O_3NBr$. 3-Brom-5-methyl-6-oxyphenylurethane. *Upson*..... 34
$C_{10}H_{12}O_3NBr$. 3-Methyl-5-brom-6-oxyphenylurethane. *Upson*..... 36
$C_{10}H_{17}O_4NS$. Dimethylphenyl ammonium ethyl sulphate. *Willcox* 458

5 X.

$C_{10}H_{15}O_{10}NS_2K$. Potassium myronate. *Kastle* and *McCaw*..... 372

C_{11}-GROUP.

$C_{11}H_{12}O_2$. Ethyl cinnamate. *Garner* 601

3 XI.

$C_{11}H_{11}O_2N$. Phenylcyanacetic ether. *Hessler*..... 120
$C_{11}H_{11}O_3N$. Ethyl *m*-nitrosocinnamate. *Alway* and *Bonner*..... 397
$C_{11}H_{11}O_3N$. Ethyl *p*-nitrosocinnamate. *Alway* and *Gortner*..... 402
$C_{11}H_{11}O_3N_3$. 1-Phenyl-4-methylacetylurazole. *Acree*..... 607
$C_{11}H_{11}O_4N$. Ethyl *m*-nitrocinnamate. *Alway* and *Bonner* 397
$C_{11}H_{11}O_4N$. Ethyl *p*-nitrocinnamate. *Alway* and *Bonner*..... 394
$C_{11}H_{11}O_4N$. Ethyl *p*-nitrosocinnamate. *Alway* and *Bonner*..... 394

4 XI.

$C_{11}H_{10}O_2NNa$. Sodium salt of phenylcyanacetic ether. *Hessler*..... 122
$C_{11}H_{13}O_2NS$. Benzoylimidomethylthiolethylcarbonate. *Johnson* and *Menge*... 365
$C_{11}H_{17}O_4NS$. From dimethylaniline sulphurtrioxide and acetone. *Willcox*.. 458

C_{12}-GROUP.

$C_{12}H_{22}O_{11}$. Cane sugar, hydrates of. *Jones* and *Getman*..... 327
$C_{12}H_{22}O_{11}$. Lactose, hydrates of. *Jones* and *Getman*..... 326
$C_{12}H_{22}O_{11}$. Milk sugar. *Van Slyke* and *Hart*..... 150

3 XII.

$C_{12}H_{11}O_4N$. 4-Oxyisoquinoline-3-carboxylic ethyl ester. *Johnson* and *Clapp*... 142
$C_{12}H_{14}ON_2$. Phenylmethylcyanacetimido ethyl ester. *Hessler*..... 128
$C_{12}H_{14}O_8N_2$. Aniline ethyl nitromaleate. *Hill* and *Black*..... 233
$C_{12}H_{15}O_3N_3$. 1-Phenyl-3,5-diethoxyurazole. *Acree* 610
$C_{12}H_{15}O_9N_3$. Trinitrophloroglucine triethyl ether. *Jackson* and *Smith* 173

4 XII.

$C_{12}H_{12}O_4NNa$. Sodium salt of oxymethylenehippuric ethyl ester. *Johnson* and *Clapp*..... 144
$C_{13}H_{18}O_2NS$. Benzoylimidodiethylthiocarbonate. *Johnson* and *Menge*..... 366
$C_{12}H_{22}N_2Cl_6Pt$. Triethylamine chlorplatinate. *Willcox*..... 461

5 XII.

$C_{12}H_{12}O_6N_2S_2Ba$. Barium phenylsulphamate. *Willcox*..... ..... 459, 469

C_{13}-GROUP.

$C_{13}H_9O_3N_3$. *m*-Nitrobenzene-*p*-azobenzaldehyde. *Alway* and *Pinckney*..... 398
$C_{13}H_{10}O_2N_2$. Benzene-*p*-azobenzoic acid. *Alway*..... 390

4 XIII.

$C_{13}H_{13}O_2N_3S$. 2-Ethylmercapto-5-benzoylamino-6-oxypyrimidine. *Johnson* and *Clapp* 144
$C_{13}H_{13}O_8N_2I$. Iodonitrophenylmalonic ester. *Jackson* and *Langmaid*..... 305
$C_{13}H_{15}ON_3S$. Ethylmercaptoethoxyphenyl-1,3,5-triazine. *Johnson* and *Menge*. 370
$C_{13}H_{21}O_3NS$. From dimethylaniline sulphur trioxide and trimethyl ethylene. *Willcox* 459

C_{14}-GROUP.

$C_{14}H_{10}O_2$. Benzil. *Garner* 589, 601
$C_{14}H_{12}O_2$. Benzoin. *Garner* 583
$C_{14}H_{12}O_3$. Benzilic acid. *Garner* 592, 594
$C_{14}H_{14}O_2$. Hydrobenzoin. *Garner*..... 592, 594
$C_{14}H_{22}O_8$. Acetylene tetracarboxylic ethyl ester. *Willcox*..... 474

3 XIV.

$C_{14}H_{11}O_4N_3$. Benzoylnitrophenylurea. *Johnson* and *Menge*..... 364
$C_{14}H_{11}N_3S$. 1,3-Diphenyl-5-mercaptotriazole. *Johnson* and *Menge*..... 368
$C_{14}H_{11}N_3S$. 1,5-Diphenyl-3-mercaptotriazole. *Johnson* and *Menge*..... 369

4 XIV.

$C_{14}H_{11}O_2N_3S$. 2-Ethylmercapto-5-phthalimido-6-oxypyrimidine. *Johnson* and *Clapp* 142
$C_{14}H_{12}O_4N_2S$. α-Phthalimido-β-pseudoethylthioureaacrylic acid. *Johnson* and *Clapp* 143
$C_{14}H_{13}ON_3S$. Benzoylphenylthiosemicarbazide. *Johnson* and *Menge*..... 369
$C_{14}H_{17}O_4NS$. Dimethylphenylammonium phenyl sulphate. *Willcox*..... 459
$C_{14}H_{15}O_3N_2S$. From dimethylaniline sulphur trioxide and aniline. *Willcox*.. 459

C_{15}-GROUP.

$C_{15}H_{13}O_4N_3$. Benzoylpseudomethyl-*m*-nitrophenylurea. *Johnson* and *Menge*.. 364

C_{16}-GROUP.

$C_{16}H_{13}N_3$. Phenylbenzylmalonic nitrile. *Hessler* 129
$C_{16}H_{16}O_2$. Ethylbenzoin. *Garner* 592
$C_{16}H_{16}O_3$. Ethylbenzilic acid. *Garner* 598

3 XVI.

$C_{16}H_{15}O_4N_3$. Benzoylpseudoethyl-*m*-nitrophenylurea. *Johnson* and *Menge*.... 366
$C_{16}H_{16}O_2N_2$. Benzoylpseudoethylphenylurea. *Johnson* and *Menge* 365

4 XVI.

$C_{16}H_{15}O_2N_2Cl$. Benzoylpseudoethyl-*m*-chlorphenylurea. *Johnson* and *Menge*. 366
$C_{16}H_{16}ON_2S$. Benzoylphenylthioethylpseudothiourea. *Johnson* and *Menge*... 366
$C_{16}H_{40}N_2Cl_6Pt$. Tetraethylammoniumchlorplatinate. *Willcox* 461, 466

C_{17}-GROUP.

$C_{17}H_{18}O_2N_2$. Benzoylpseudoethyl-*p*-tolylurea. *Johnson* and *Menge* 367
$C_{17}H_{18}O_3N_2$. Benzoylpseudoethyl-*p*-anisylurea. *Johnson* and *Menge* 367

4 XVII.

$C_{17}H_{17}ON_3S$. Acetone α-benzoyl-β-phenylthiosemicarbazide. *Johnson* and *Menge* 369
$C_{17}H_{18}ON_2S$. Benzoyl-*p*-tolylthioethylpseudothiourea. *Johnson* and *Menge*.. 367
$C_{17}H_{16}O_{12}N_3Cl$. Chlortrinitrophenyleneaceticmalonic ester. *Jackson* and *Smith* 179

C_{18}-GROUP.

$C_{18}H_{17}ON_3$. Phenylbenzylcyanacetic ethyl ester.. *Hessler*. 130
$C_{18}H_{18}O_3N_2$. Ethyl *p*-azoxybenzoate. *Alway* and *Pinckney* 399
$C_{18}H_{20}O_2N_2$. Benzoylpseudomethylpseudocumylurea. *Johnson* and *Menge*.... 365
$C_{18}H_{30}O_4N_2$. Acid from action of methyl alcoholic sodium hydroxide on nitroisocampholactone. *Noyes* and *Taveau* 292

4 XVIII.

$C_{18}H_5O_{12}N_4I_7$. Addition compound of diiioddinitrobenzol and triioddinitrobenzene. *Jackson* and *Langmaid* 306

C_{19}-GROUP.

$C_{19}H_{22}O_2N_2$. Benzoylpseudoethylpseudocumylurea. *Johnson* and *Menge*..... 368

C_{20}-GROUP.

$C_{20}H_{16}N_3$. 1,5-Diphenyl-3-phenylaminotriazole. *Johnson* and *Menge* 368

3 XX.

$C_{20}H_{15}N_4Cl$. 1,5-Diphenyl-3-*m*-chlorphenylaminotriazole. *Johnson* and *Menge* 366
$C_{20}H_{22}O_4N_2$. Condensation-product of nitrosoisocampholactone with formic aldehyde. *Noyes* and *Taveau* 291

4 XX.

$C_{20}H_{22}N_2Cl_4Pt$. Dimethylethylphenylammonium chlorplatinate. *Willcox*.... 454

C_{21}-GROUP.

$C_{21}H_{18}N_4$. 1,5-Diphenyl-3-*p*-tolylaminotriazole. *Johnson* and *Menge*..... 367

3 XXI.

$C_{21}H_{19}ON_4$. 1,5-Diphenyl-3-*p*-anisylaminotriazole. *Johnson* and *Menge*..... 368

C_{22}-GROUP.

$C_{22}H_{19}O_8N_5$. Dianilinotrinitrophenylacetic ester. *Jackson* and *Smith*..... 176
$C_{22}H_{26}O_4N_2$. Condensation-product of nitrosoisocampholactone and acetic aldehyde. *Noyes* and *Taveau*..... 290

C_{23}-GROUP.

$C_{23}H_{18}O_3$. β-Phenyl-γ-phenyl-γ-benzoylbutyrolactone. *Garner*..... 602
$C_{23}H_{20}O_3$. α'-Benzoyl-α-phenyl-α'-oxy-β-phenyltetrahydrofurfurane. *Garner*.. 600
$C_{23}H_{25}N_4$. 1,5-Diphenyl-3-pseudocumylaminotriazole. *Johnson* and *Menge*.... 365

C_{25}-GROUP.

$C_{25}H_{22}O_4$. Monoacetyl derivative of α-benzoyl-α-phenyl-α'-oxy-β-phenyltetrahydrofurfurane. *Garner*..... 602, 605

C_{34}-GROUP.

$C_{34}H_{31}O_8N_5$. Addition-compound of dianilinotrinitrophenylacetic ester. *Jackson* and *Smith*..... 176

C_{42}-GROUP.

$C_{42}H_{26}O_4$. Benzilbenzoin. *Garner*..... 597

3 XLII.

$C_{42}H_{26}O_8Na_2$. Product of the action of sodium ethylate on benzoin. *Garner*. 589, 596